

additive storage container corresponding to the upper end surface of the mouth is provided with an upper ratchet, so that the additive storage container is allowed to rotate in one direction relative to the mouth.

5 【Claim 62】

The bottle according to claim 61, wherein an upper part of the additive storage container is provided with a lower ratchet piece, and a lower surface of the opening unit corresponding to the upper part of the additive storage container is provided with an upper ratchet piece that is allowed to rotate in one direction relative to the lower ratchet piece, so that rotational force of the opening unit is transmitted to the additive storage container.

10 【Claim 63】

The bottle according to claim 62, wherein ring-shaped seal protrusions are provided around an outer circumferential surface of the slider at positions above and below the discharge port.

15 【Claim 64】

The bottle according to any one of claims 59 through 63, wherein the slider is provided therein with a partition wall that divides an additive storage space into two parts, with a discharge port and an open port formed on the two divided parts of the additive storage space.

20 【Claim 65】

The bottle according to claim 64, wherein the finish plate is provided with at least one open port to supply the interior of the additive storage space with additive.

25 【Claim 66】 (Canceled)

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deleted

【Claim 67】 (Canceled)

【Claim 68】 (Canceled)

【Claim 69】 (Canceled)

【Claim 70】 (Added)

5 A bottle, comprising:
 a bottle body having a mouth with an external thread formed around
 an outer circumferential surface of the mouth;
 an additive storage container having an end plate being in surface
 contact with an open end of the mouth, an inner cap extending downward in
 an axial direction from an inner circumferential edge of the end plate and
10 movably inserted into the mouth in an axial direction, and an external
 thread that protrudes outward from an outer circumferential edge of the
 end plate in a radial direction to be continuous with the external thread
 of the mouth;
15 a bursting film which seals a lower end of the additive storage
 container;
 an opening unit comprising a finish plate provided on an upper
 part of the inner cap, an upper cap extending downward in an axial
 direction from an outer circumferential edge of the finish plate and
20 having an internal thread engaging with the external threads of both the
 mouth and the end plate at the same time, and a slider extending in an
 axial direction from the finish plate and movably inserted into the inner
 cap in an axial direction, with a cutting edge provided on a lower end of
 the slider so as to tear off the bursting film at a predetermined
25 position.

【Claim 71】 (Added)

30 The bottle according to claim 70, wherein the cutting edge
 comprises a support shaft, with at least one reinforcing rib provided
 around the support shaft of the cutting edge to increase the strength of
 the support shaft.

【Claim 72】 (Added)

The bottle according to claim 71, wherein the bursting film is selected from a thin aluminum film or a thin film which is produced through a molding process from the same material as is the inner cap, with a tear-off line provided on the thin film.

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【Claim 73】 (Added)

A bottle, comprising:

a bottle body having a mouth with an external thread formed around an outer circumferential surface of the mouth;

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an additive storage container having an end plate being in surface contact with an open end of the mouth, a main cap extending in an axial direction from an outer circumferential edge of the end plate and having an internal thread engaging with the external thread of the mouth through a screw-type engagement, an inner cap extending in an axial direction from an inner circumferential edge of the end plate and movably inserted into the mouth, with a plurality of discharge ports formed around a lower end of the inner cap, and an extension part extending upward from the inner circumferential edge of the end plate so that the extension part is opposite the inner cap, with an external thread formed around an outer circumferential surface of the extension part;

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20 a plug mounted to a lower end of the inner cap, thereby sealing an axial opening of the inner cap; and

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an opening unit comprising a finish plate placed on an upper end of the extension part, an upper cap extending in an axial direction from an outer circumferential edge of the finish plate and engaging with the external thread of the extension part, and a slider extending in an axial direction from an inner surface of the end plate and movably inserted into the inner cap, so that an end of the slider is sealed by the plug.

【Claim 74】 (Added)

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The bottle according to claim 73, wherein the plug is provided at a lower end thereof with a stop ring that engages with a stop protrusion provided around a lower end of an inner surface of the inner cap so that axial movement of the plug relative to the slider is restricted.

【Claim 75】 (Added)

The bottle according to claim 74, wherein a seal ring is provided on an upper end of the plug so that the seal ring comes into contact with a lower end of the slider.

5 【Claim 76】 (Added)

The bottle according to claim 74, wherein a cylindrical seal ring is provided in a lower part of the interior of the slider so that the cylindrical seal ring comes into contact with an upper end of the plug.

【Claim 77】 (Added)

10 The bottle according to claim 76, wherein the cylindrical seal ring is integrated with the slider through a double injection molding process in which the cylindrical seal ring is inserted in a cavity of a mold when the slider is produced by injection molding.

【Claim 78】 (Added)

15 The bottle according to any one of claims 73 through 77, wherein the inner cap is provided with a step so that the inner cap is spaced apart from the inner circumferential surface of the mouth.

【Claim 79】 (Added)

20 The bottle according to claim 78, wherein the external thread of the extension part is formed as a thread having a direction opposite to that of the external thread of the mouth.

【Claim 80】 (Added)

25 The bottle according to claim 79, wherein the extension part is provided with a stopper which extends outward in a radial direction around the outer circumferential surface of the extension part and limits upward movement of the upper cap to a predetermined position.

【Claim 81】 (Added)

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The bottle according to claim 80, wherein the extension part is provided with an interference protrusion that interferes with the upper cap, thus generating sound, while the upper cap is provided with a sound port to transmit the sound outside the bottle.